Abstract of the Disclosure

Information defining elements of a picture is estimated by interpolation using information from related locations in preceding and succeeding versions of the

5   picture. The related locations are determined by forming an estimate of the displacement of objects in the picture. Displacement estimates are advantageously formed recursively, with updates being formed only in moving areas of the picture. If desired, an adaptive technique can be

10   used to permit motion compensated interpolation or fixed position interpolation, depending upon which produces better results.